

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/009771

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N9/02 C07K14/47 C07K16/18 G01N33/68 A61K38/17
C12N15/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K G01N A61K C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal, BIOSIS, Sequence Search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|--|
| X | WO 01/70993 A (SCOTIA HOLDINGS PLC; WINTHER, MICHAEL, DAVID; SMITH, HEIDI, LYNN; ALLE) 27 September 2001 (2001-09-27) the whole document | 1-6,19, 20,38-40 |
| X | WO 01/49871 A (BOEHRINGER INGELHEIM PHARMA KG; FECHTELER, KATJA; KOSTKA, MARCUS; FUCH) 12 July 2001 (2001-07-12) the whole document | 19,20, 28-30, 32,34, 37,38,41 |

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

30 March 2005

Date of mailing of the international search report

07.04.2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Smalt, R

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/009771

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| A | <p>CHO H P ET AL: "Cloning, expression, and nutritional regulation of the mammalian Delta-6 desaturase"</p> <p>JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, US,</p> <p>vol. 274, no. 1, 1999, pages 471-477,</p> <p>XP002111713</p> <p>ISSN: 0021-9258</p> <p>the whole document</p> | |
| A | <p>-----</p> <p>WO 00/58473 A (CURAGEN CORPORATION; SHIMKETS, RICHARD, A; LEACH, MARTIN)</p> <p>5 October 2000 (2000-10-05)</p> <p>* see ORF1574, SEQ.ID's 3147 & 3148 *</p> <p>page 75, line 16</p> | |
| A | <p>-----</p> <p>WO 00/53770 A (MULTIGENE BIOTECH GMBH; WEBER, BERNHARD, H., F; MARQUARDT, ANDREAS) 14 September 2000 (2000-09-14)</p> <p>the whole document</p> | |
| A | <p>-----</p> <p>WO 01/62897 A (VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE VZW; ANNAERT, W) 30 August 2001 (2001-08-30)</p> <p>the whole document</p> | |
| T | <p>-----</p> <p>HOPF C ET AL: "Discovery of new therapeutic targets by integrated protein pathway and chemical proteomic analysis of APP processing."</p> <p>SOCIETY FOR NEUROSCIENCE ABSTRACT VIEWER AND ITINERARY PLANNER,</p> <p>vol. 2003, 2003, pages Abstract No. 406.5</p> <p>URL-http://sf, XP002322663</p> <p>& 33RD ANNUAL MEETING OF THE SOCIETY OF NEUROSCIENCE; NEW ORLEANS, LA, USA;</p> <p>NOVEMBER 08-12, 2003</p> <p>the whole document</p> <p>-----</p> | |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/009771

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|---|---------------------|----------------------------|---------------------|
| WO 0170993 | A | 27-09-2001 | CA 2301158 A1 | 24-09-2001 |
| | | | AU 4400201 A | 03-10-2001 |
| | | | WO 0170993 A2 | 27-09-2001 |
| | | | CA 2403912 A1 | 27-09-2001 |
| | | | EP 1268810 A2 | 02-01-2003 |
| | | | US 2004053234 A1 | 18-03-2004 |
| ----- | | | | |
| WO 0149871 | A | 12-07-2001 | DE 10000161 A1 | 19-07-2001 |
| | | | WO 0149871 A2 | 12-07-2001 |
| | | | US 2002025508 A1 | 28-02-2002 |
| ----- | | | | |
| WO 0058473 | A | 05-10-2000 | AU 3774500 A | 16-10-2000 |
| | | | CA 2383592 A1 | 05-10-2000 |
| | | | EP 1165784 A2 | 02-01-2002 |
| | | | JP 2004507202 T | 11-03-2004 |
| | | | WO 0058473 A2 | 05-10-2000 |
| | | | US 2003198953 A1 | 23-10-2003 |
| ----- | | | | |
| WO 0053770 | A | 14-09-2000 | EP 1035207 A1 | 13-09-2000 |
| | | | AU 4104200 A | 28-09-2000 |
| | | | CA 2366058 A1 | 14-09-2000 |
| | | | WO 0053770 A1 | 14-09-2000 |
| ----- | | | | |
| WO 0162897 | A | 30-08-2001 | AU 3741201 A | 03-09-2001 |
| | | | WO 0162897 A1 | 30-08-2001 |
| | | | EP 1257633 A1 | 20-11-2002 |
| | | | US 2003059938 A1 | 27-03-2003 |
| ----- | | | | |